

Fig. 1

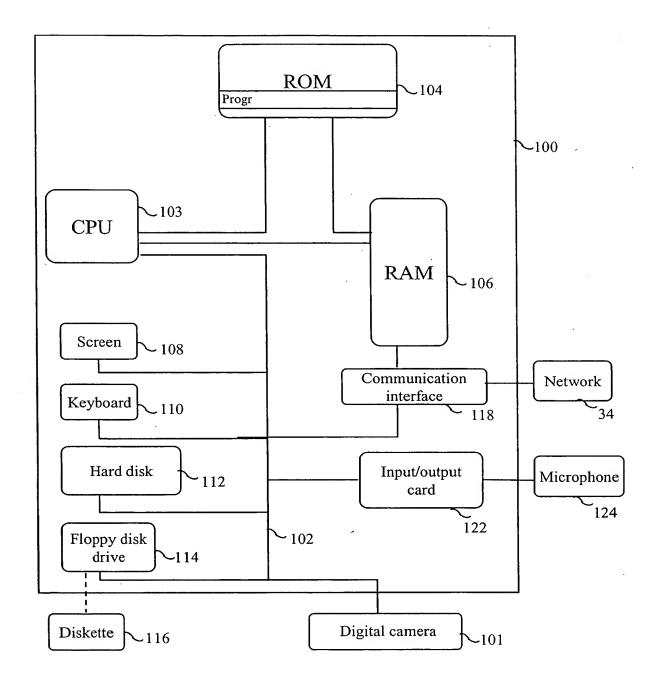
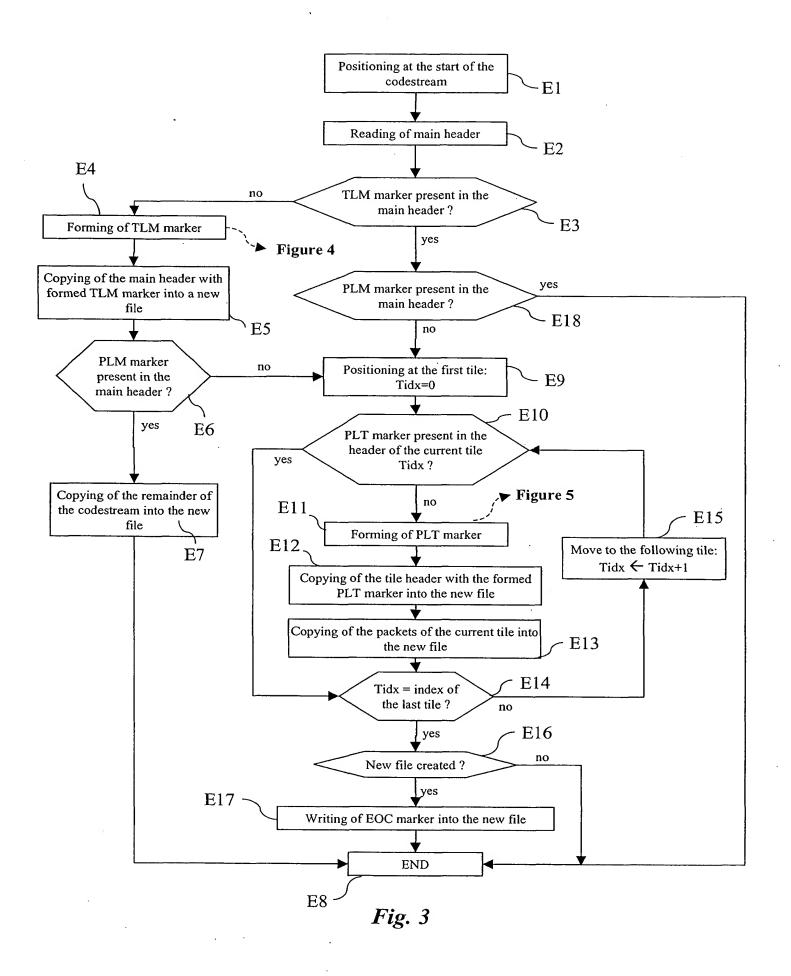


Fig. 2



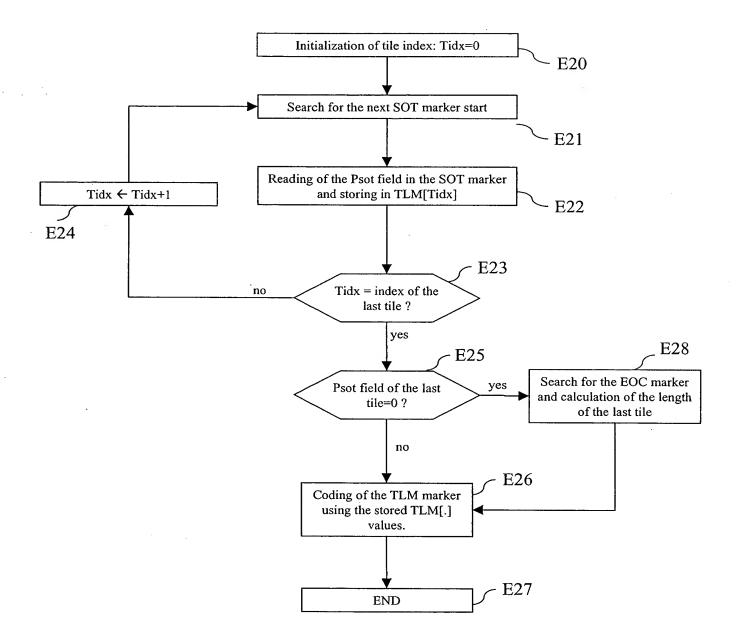


Fig. 4

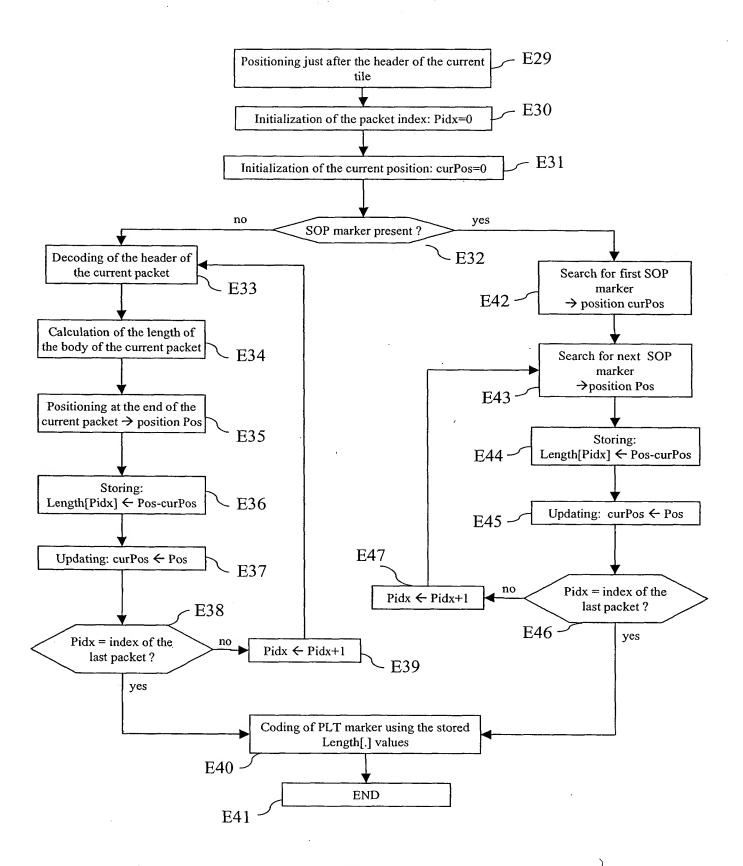


Fig. 5

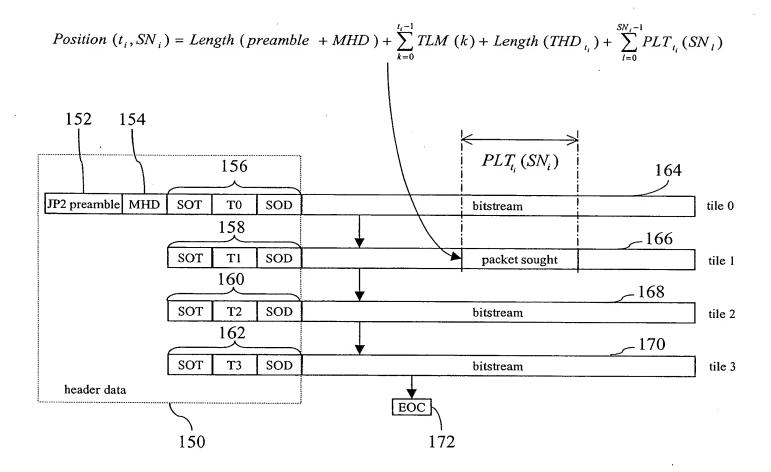


Fig. 6

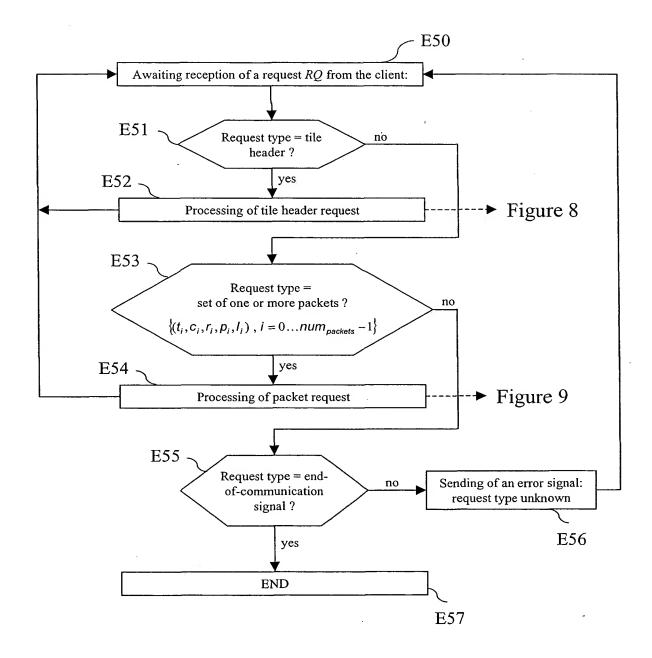


Fig. 7

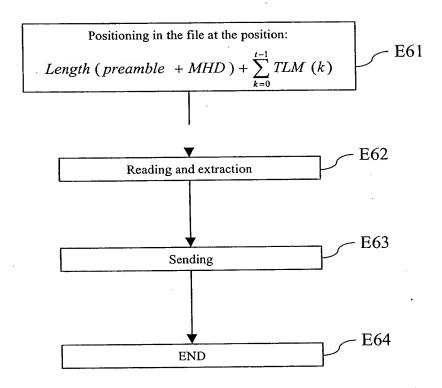


Fig. 8

set of packets to be sent to the client: $\{(t_i, c_i, r_i, p_i, l_i), i = 0...num_{packets} - 1\}$ E70 Initialization of the packet index: $i \leftarrow 0$ Calculation of the sequence number of the packet of index i in its tile: E71 $SN_i = f_{prog_order}(c_i, r_i, p_i, l_i)$ Positioning in the file at the position: E72 $Position(t_i, SN_i)$ Extraction of a series of octets of length: E73 $PLT_{t_i}(SN_i)$ E74 Sending of the extracted series of octets to the E76 client in a reply in the format of the protocol used E75 Move to the next packet: no $i = num_{packets} - 1$ $i \leftarrow i+1$ yes E77 **END**

Fig. 9

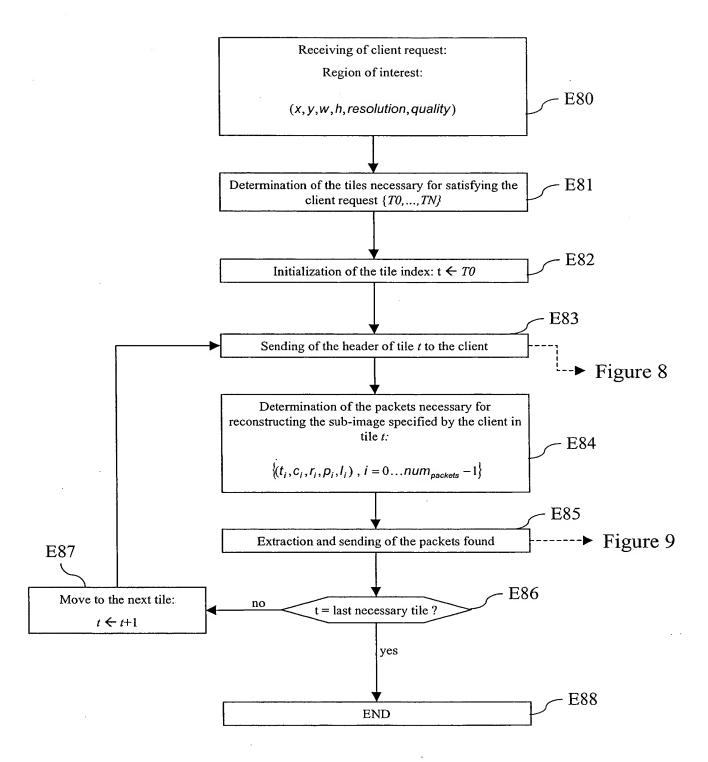
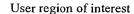


Fig. 10



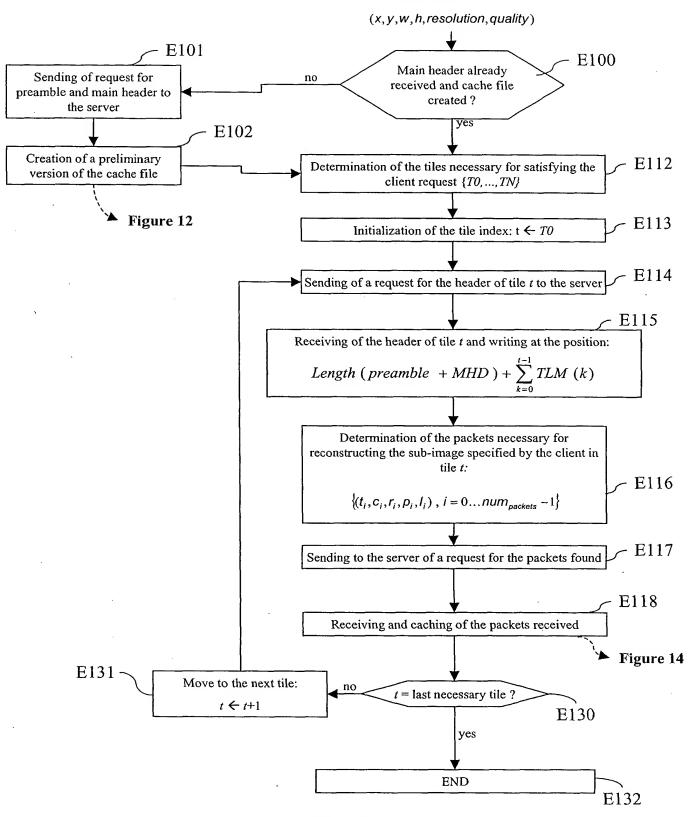


Fig. 11

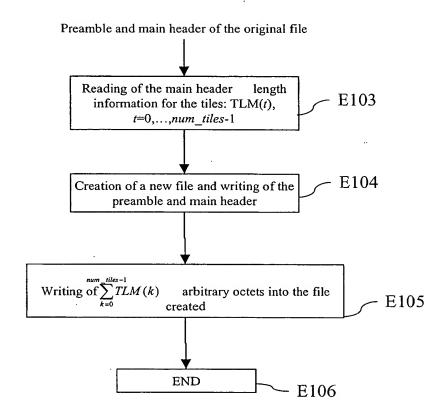


Fig. 12

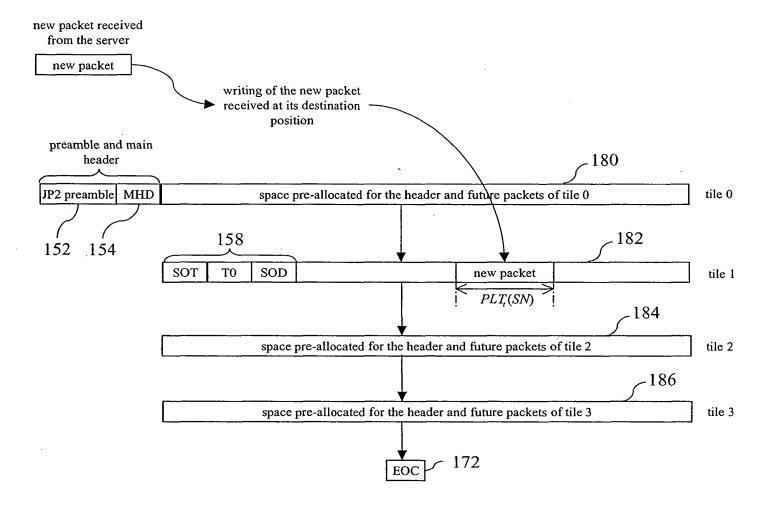


Fig. 13

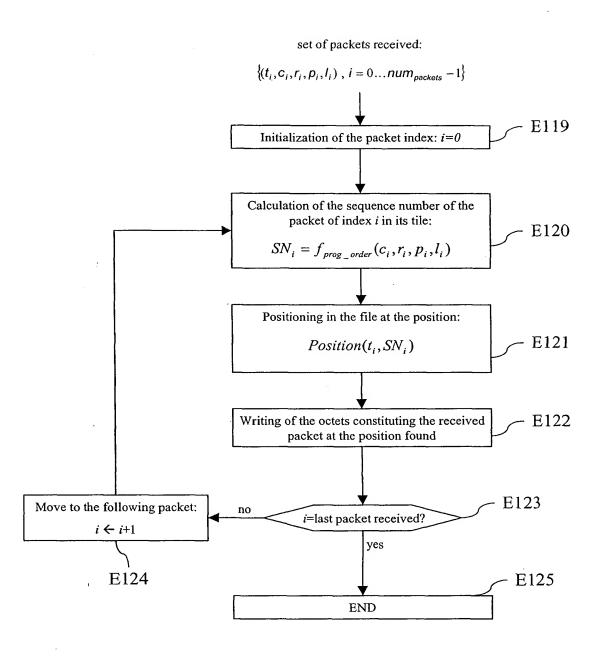


Fig. 14

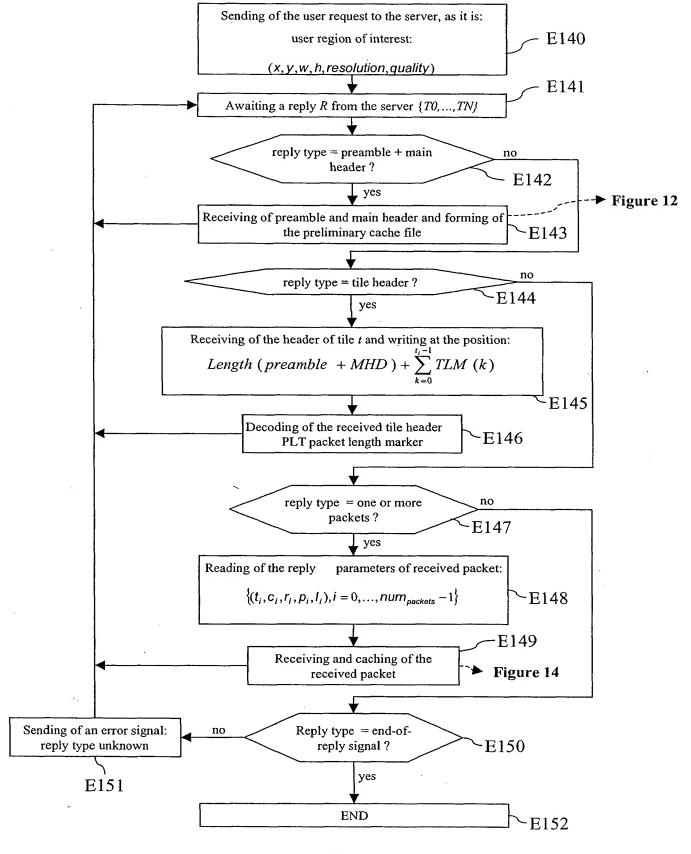


Fig. 15

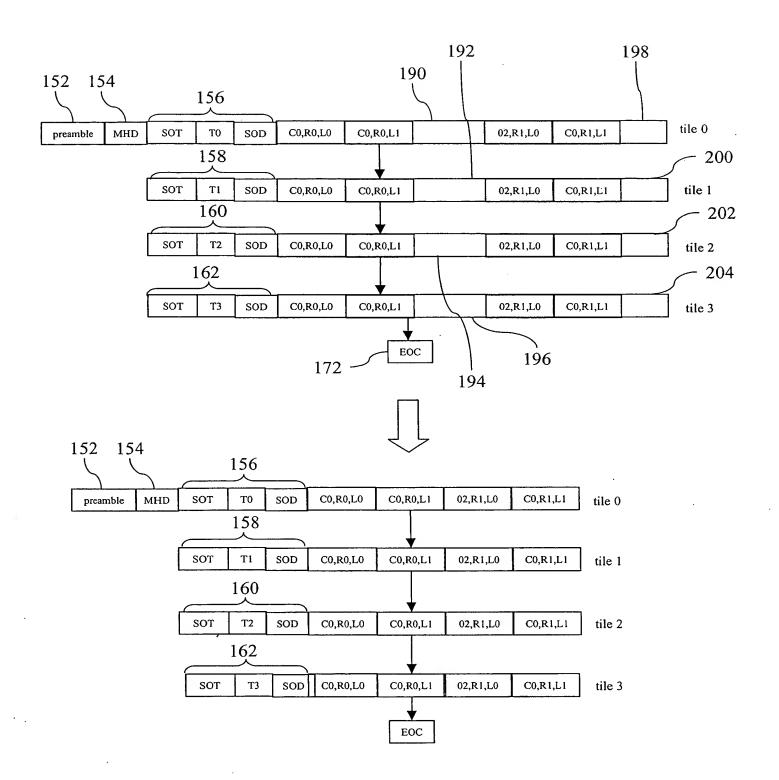


Fig. 16

Sequence numbers of the received packets: $\left\{(t_{\scriptscriptstyle 0}, SN_{\scriptscriptstyle 0}), (t_{\scriptscriptstyle 0}, SN_{\scriptscriptstyle 1}), \dots, (t_{\scriptstyle num_{\mathit{tiles}}}, SN_{\scriptstyle num_{\mathit{packets}}-1})\right\}$ Cache file with holes Copying of the main header, without PLM E160 marker, with or without the TLM marker E161 Positioning at the first tile: $t \leftarrow 0$ E162 E163 header of tile t received? yes E165 no Copying of the header of tile t without Writing of SOT and SOD markers the PLT marker E164 Positioning at the first packet of tile t: $sn \leftarrow 0$ E166 packet sn received? no E170 -E167 Copying of the $PLT_{i}(SN_{i})$ octets starting at the Writing of an empty position $Position(t_i, SN_i)$ in the derived signal E169 packet E168 Move to the next packet: sn= last packet of the $sn \leftarrow sn+1$ current tile? no E171 E173 Modification of Psot field of the SOT marker E172 Move to the next tile: t =last tile of the image ? E175 $t \leftarrow t+1$ yes E174 Recoding of the Ptlm fields TLM marker present in of the TLM marker with the main header? the new tile lengths no E176 Writing of the EOC marker

Fig. 17 -

END

E177

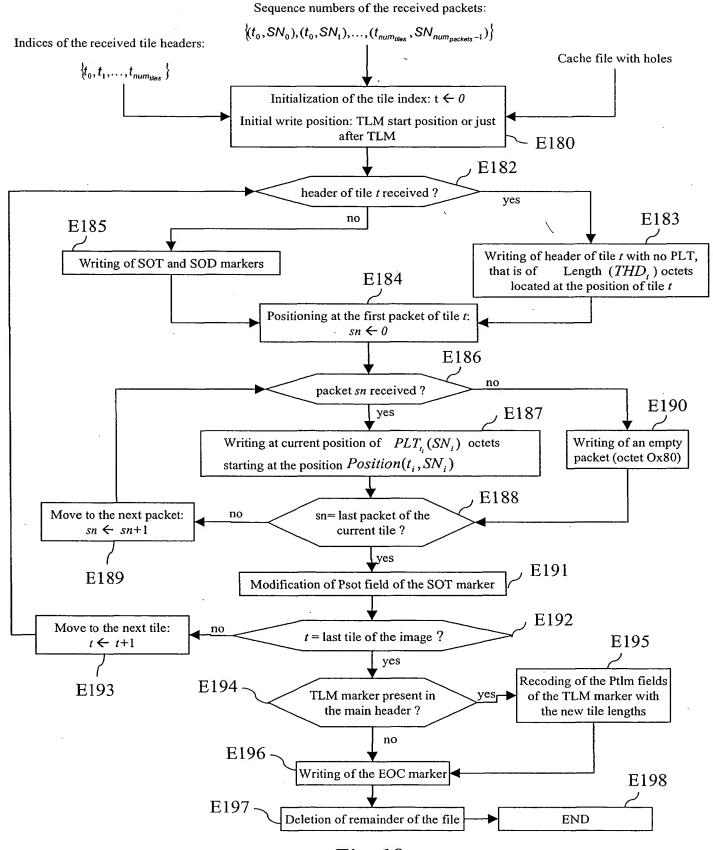


Fig. 18